

20010708.qrp v02_n244.qrl.20010708

Date: Sun, 8 Jul 2001 19:03:13 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2244

QRP-L Digest 2244

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- 3) [101932] Ten-Tec model 516 QRP rig...vaporware for now but...
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- 7) [101936] Fox #4 - AL7FS Alaska - Preliminary Log
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- 10) [101939] R U Bogartin' The List
by FrConrad@aol.com
- 11) [101940] Bitch Thread
by K5BDZ@aol.com
- 12) [101941] DX-peditions and milliwatt operators....
by "George Osier" <gosier@twcnny.rr.com>
- 13) [101942] Last Post
by "Dan W. Dooley" <dandooley@pipeline.com>
- 14) [101943] A Who's Who on 40m...
by "N7SG K7FD" <k7fd@hotmail.com>
- 15) [101944] Re: W6MMA's MP-1 Portable Antenna
by "N7SG K7FD" <k7fd@hotmail.com>
- 16) [101945] Re: 9H30 ...700 mw ...GOT EM !!!!!
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 17) [101946] Re: R U Bogartin' The List
by Pete Burbank <plburbank@kih.net>
- 18) [101947] Re: R U Bogartin' The List
by RangerSF5@aol.com
- 19) [101948] Re: Last Post

- by N0BN@aol.com
- 20) [101949] Mini-Pig
by G Brandon Hoyt <preacher102677@juno.com>
 - 21) [101950] Redhot NC20 TX offset problem
by John DiLorenzo <jdilorenzo3301@altavista.com>
 - 22) [101951] Is Embedded Research OK?
by Hugo <hugo@optonline.net>
 - 23) [101952] RE: Chet Atkins was a HAM!!
by "JBLANCO" <ea7yk@aered.org>
 - 24) [101953] Re: 9H30 ...700 mw ...GOT EM !!!!!
by "Pastor-KC1DI" <elbc@pivot.net>
 - 25) [101954] Re: Yet another famous Ham
by Bill Lazure <n2tpa@juno.com>
 - 26) [101955] Re: Chet Atkins was a HAM!!
by "Randall Jouett" <rules@bellsouth.net>
 - 27) [101956] Re: Is Embedded Research OK?
by "Karl F. Larsen" <k5di@zianet.com>
 - 28) [101957] Re: Last Post
by William R Colbert <w5xe@juno.com>
 - 29) [101958] Re: ??:Backpacker QRP Antenna at HRO
by "Michael C. Boatright" <ko4wx@mindspring.com>
 - 30) [101959] HELP ...FT-817 Connectors
by qrpdx@earthlink.net
 - 31) [101960] TAC Logs Due
by "Ron Polityka" <wb3aal@fast.net>
 - 32) [101961] RE: Redhot NC20 TX offset problem
by Nick Kennedy <nkennedy@tcainternet.com>
 - 33) [101962] Fw: HELP ...FT-817 Connectors
by qrpdx@earthlink.net
 - 34) [101963] Re: [101863] Solar Panel and NiMh Battery question
by "James R. Duffey" <jamesd1@flash.net>
 - 35) [101964] Re: HELP ...FT-817 Connectors
by "DTX" <dtx@wood.tzo.com>
 - 36) [101965] Re: HELP ...FT-817 Connectors
by Frank Brickley <brickley@pobox.com>
 - 37) [101966] Re: HELP ...FT-817 Connectors
by Frank Brickley <brickley@pobox.com>
 - 38) [101967] Re: HELP ...FT-817 Connectors
by "Richard Clemens" <clemens@wvwc.edu>
 - 39) [101968] Re: HELP ...FT-817 Connectors
by Frank Brickley <brickley@pobox.com>
 - 40) [101969] Filtering for 5WattMod and Miniboosts Amp
by Wayne McFee <nb6m@yahoo.com>
 - 41) [101970] Re: [101863] Solar Panel and Battery question
by "Karl F. Larsen" <k5di@zianet.com>
 - 42) [101971] Results of operation from Harney Peak, SD
by Gary Slagel <gdslagel@yahoo.com>
 - 43) [101972] HELP: I couldnt get list serv to suspend me

by MARTIN J STRATTON <kc2cwn@juno.com>
44) [101973] OMNI 6+ vs. K2
by "N3BJ" <qrpdx@earthlink.net>
45) [101974] RE: OMNI 6+ vs. K2
by "Ed Tanton" <n4xy@att.net>
46) [101975] RE: OMNI 6+ vs. K2
by "Ed Tanton" <n4xy@att.net>
47) [101976] RE: OMNI 6+ vs. K2
by N1EU <n1eu@yahoo.com>
48) [101977] Off to the local park...
by "N7SG K7FD" <k7fd@hotmail.com>
49) [101978] Welding rebar (was Buzzbox Voltage)
by "Preston" <pd buck@earthlink.net>
50) [101979] k7fd...worked him
by "T.W." <wb5qyt@abq.com>
51) [101980] RE: OMNI 6+ vs. K2
by "Ed Tanton" <n4xy@att.net>
52) [101981] Re: k7fd...worked him
by "Marty Purselley" <ranchonodiner@earthlink.net>
53) [101982] Correction!!!!!! Solar Panel and NiMh Battery question
by "James R. Duffey" <jamesd1@flash.net>
54) [101983] K1 case
by "William K. Harding" <k4ahk@ix.netcom.com>
55) [101984] Re: k7fd...worked him
by "Glenn Maclean" <wa7spy@home.com>
56) [101985] Re: K1 case
by "Glenn Maclean" <wa7spy@home.com>
57) [101986] Re: OMNI 6+ vs. K2
by "Paul Christensen" <paulc@mediaone.net>
58) [101987] SuperFest 2001 -- Meet the Speaker Dinner, Friday, July 13th, 7:30pm
by "Jerry McCollom" <w0mc@club-pre.org>
59) [101988] Re: OMNI 6+ vs. K2
by "Paul Christensen" <paulc@mediaone.net>
60) [101989] Re: OMNI 6+ vs. K2
by Joe Reed <joe@n9jr.dyndns.org>
61) [101990] Re: OMNI 6+ vs. K2
by "Jay Bromley" <w5jay@alltel.net>
62) [101991] FOX: Hunt 3 Log, N2WW
by "Marshall Emm" <mgemm@mtechnologies.com>
63) [101992] Re: [101863] Solar Panel and Battery question
by Dan Tayloe <dtayloe@home.com>
64) [101993] Quality Qrp Gear Need a ZM-2?
by ldmartin <ldmartin@pacifier.com>
65) [101994] Looking for 30M PSK 31 QSO
by PDouglas12@aol.com
66) [101995] Re: Looking for 30M PSK 31 QSO
by Wayne Williams <aa5jj@swbell.net>
67) [101996] Op Report (Long): Mountain Lake VA Activation

- by Stephan Greene <sgreene@patriot.net>
68) [101997] ZM-2 Tuner Help
by "Mark Gustoff" <wo7t@juno.com>
69) [101998] Printshop musings & stereo FM thingies
by nilsbull@juno.com
70) [101999] FS Paddles
by ac5ez@webtv.net (Larry)
71) [102000] K7FD/P - Park Portable Photos
by "N7SG K7FD" <k7fd@hotmail.com>
72) [102001] Re: Where to buy wire for dipoles
by "Kevin F. Glynn" <kfglynn@mindspring.com>

Date: Sat, 07 Jul 2001 18:02:41 -0500
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [101930] Re: Ten Meter QRP Ideas needed.
Message-ID: <003b01c10738\$ef4f5000\$88703ed8@pavilion>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Mike,

You shouldn't give up on 20m so easy. Nowadays working DX with QRP on 20m is like shooting fish in a barrel. Maybe your bad experience occurred during a big contest or something. Also, I have found that QRP DX results are directly proportional to the level of my CW skills. Power seems to have little influence on my results.

On the other hand, I had worked 10m QRP almost exclusively for many years. It was nice to have ragchews with Australia or Easter Island or something while everyone else thought that the band is dead ;-) I had found that it rarely was completely dead. There are a lot of exotic modes to explore on 10m if you have a little patience.

Good luck.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://www.geocities.com/aa5tb>
aa5tb@arrl.net

Date: Sat, 7 Jul 2001 19:32:33 -0400
From: "George Osier" <gosier@twcnny.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [101931] 9H30 ...700 mw ...GOT EM !!!!!
Message-ID: <002101c1073d\$18dcaf40\$05514342@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

From: "George Osier" <gosier@twcnny.rr.com>
To: "Jim" <qrpp@yahooogroups.com>
Subject: 9H30700 mw ..got em !!!
Date: Saturday, July 07, 2001 7:30 PM

Hello All !!!!!

Just got 9H30 on 20 meters , 700 mw !!!!!
It took him several times to get my full call , but he was a good op and
didnt give up on me !!!!!

VERY many thanks to the crew at 9H30 !!!!!

73s

George , N2JNZ / QRPp

Date: Sat, 07 Jul 2001 19:49:56 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [101932] Ten-Tec model 516 QRP rig...vaporware for now but...
Message-ID: <F119cH0xxDEA2VqFnW000006063@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hey, gang.

Just discovered 'news' of Ten-Tec's plans to release upon us (in January
2002) a new IF DSP, 160-10 meter, CW, SSB, AM, FM QRP transceiver with 100
kHz to 30 mHz general coverage receiver. Looks just like their model 526 6N2
rig. Hmmm...

May have to follow this one...

73.

Bill, N4QA

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Sat, 7 Jul 2001 17:34:49 -0600
From: "T.W." <wb5qyt@abq.com>
To: <qrp-1@lehigh.edu>
Subject: [101933] 407D sold
Message-ID: <MABBIKAEJNPMOAJMBKJJIEPACAAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gang, unit sold....thanks for the bw! WB5QYT

Date: Sat, 07 Jul 2001 20:12:30 -0400
From: "John O. Newell" <jnewell@mediaone.net>
To: fxttech@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [101934] Re: W6MMA's MP-1 Portable Antenna
Message-ID: <3B47A56E.F3835EFA@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Has any of you
> used this antenna from a hotel room or at all

Over the past 6-9 months both the HFPack (portable HF, which largely overlaps QRP for obvious reasons) and the FT817 (not FT-817) lists at <http://groups.yahoo.com/> have had scores of posts on both hotel ops generally and the MP-1 specifically. There's too much there to summarize; you might want to search the archives. There are all different kinds of experiences, some good, some bad.

Sorry not to be more help but there's just too much to get into a single post.

72

John Newell

KB1FPM

Date: Sat, 07 Jul 2001 17:31:20 -0700
From: Dan Tayloe <dtayloe@home.com>
To: "tjarey\"@home.com"@nss4.cc.lehigh.edu, qrp-1@Lehigh.EDU
Subject: [101935] Re: [101863] Solar Panel and Battery question
Message-ID: <3B47A9D8.E367A522@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>Here's one for the group to help me figure out. I want to use a solar
>panel (nominal 14 volts through the diode?) to maintain a charge on a
>9.6V NiMH battery pack for use in the field with my K1. I don't know for
>sure that I need a full boat charge controlled because I don't intend to
>keep things hooked up all the time. Any suggestions on the best way to
>drop the voltage would be appreciated.

The simplest means of charging a NiMH battery is to trickle charge it with a current that is C/20 or less. That means if the batteries are rated 1200 mah, they can safely be trickle charged with 60 ma or less forever. Figure the pack voltage will rise to at least 10.5v during charging, $(14v-10.5v)/0.06a = 58$ ohms. Any resistor slightly larger than this will work fine.

A thread went around about current limit circuits the last time we kicked this one around, and the next step up from a simple resistor required two transistors and two resistors. Glen sent me this circuit which does a much better job maintaining a constant current over a wide range of input voltages such as from a solar panel.

Both transistors can be 2N4401, 2N2222, etc. The 7.5 ohm resistor sets the current, and can be increased to 10 ohm to hit closer to 60 ma.

The format he gives is a spice model. Draw the schematic yourself by hooking all the 0s together, all the 1s together, all the 2s together, etc.

- Dan, N7VE

-----Original Message-----
From: Glen Leinweber [mailto:leinwebe@mcmaster.ca]
Sent: Thursday, May 10, 2001 10:16 AM
To: Dan.Tayloe

Subject: Re: NiMH batteries can be safely trickled charged!

Dan,

If you want a low-overhead current limiter, two transistors and two resistor oughta work too. Using germanium transistors would give even less overhead than a silicon transistor....

Here's the SPICE-type node list of the circuit:

```
Vsource      1 0      Solar Cell; + end to node 1, "-" end to node 0
Q1      1 2 3      NPN transistor (collector, base, emitter)
R1      3 4      7.5 ohm resistor
Q2      2 3 4      NPN silicon transistor, low power (2N3904)
R2      1 2      470 ohm resistor
```

The battery to be charged goes between node 4 and 0.

The 7.5 ohm resistor gives about 0.6 volts when 80 mA flows, which turns on Q2. When Q2 turns on, it clamps Q1's base, preventing more current from flowing. Voltage overhead required by this circuit is about 1.5 volts for silicon transistors. It can be re-designed for germanium for less overhead (but poorer temperature stability).

Date: Sat, 07 Jul 2001 16:42:16 -0800
From: Jim Larsen AL7FS <AL7FS@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [101936] Fox #4 - AL7FS Alaska - Preliminary Log
Message-ID: <3B47AC68.E2C128F4@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Fox Hunt #4 - AL7FS / Alaska

5 July 2001 0200-0400Z

20 meters - CW

UTC	Call	RST	S/P/C	Name	Pwr
0200	K0EVZ	229	ND	OOC	5w
0201	K7FD	339	OR	JOHN	5w
0203	N1EU	339	NY	BARRY	5w
0205	NQ7X	559	AZ	FLOYD	5w
0206	KB7WW	559	OR	ART	5w
0207	K4GT	339	GA	JIM	5w
0209	N1FN	559	CO	ET	5w

0210	K0FPR	559	CO	AL	5w
0213	K5E0A	539	LA	WAYNE	5w
0216	W0DC	559	MN	JOHN	5w
0217	K5YU	449	TX	HARV	5w
0224	K4TJD	559	GA	TOM	5w
0226	AA50	559	LA	VERN	5w
0228	W6ABC	559	CA	JACK	5w
0230	K5AAR	339	OK	DON	5w
0232	KI0II	449	CO	RON	1w
0234	NW7DX	449	WA	BEN	5w
0234	K4FB	559	FL	PAUL	5w
0237	N6XG	559	CA	WALT	300mw
0239	K4MF	559	FL	GARY	5w
0241	VA5RF	559	AB	EARL	5w
0243	N4ROA	559	VA	DAN	5w
0245	N5TW	559	TX	TOM	5w
0246	VE6JAZ	559	AB	ROB	5w
0248	K8CV	559	MI	WALT	5w
0251	N0UR	559	MN	JIM	5w
0252	N6WG	539	CA	BOB	5w
0253	NK6A	559	CA	DON	5w
0256	VE5RC	559	SK	BRUCE	5w
0258	AA7XA	559	OR	FRANK	5w
0300	AD6JV	559	CA	BILL	5w
0301	K5JHP	559	TX	BILL	5w
0304	WA9TZE	559	WI	JIM	5w
0307	K9IUA	559	IL	KEVIN	5w
0309	K5DI	559	NM	KARL	5w
0312	K5LN	229	TX	BILL	5w
0316	WA7SPY	559	CA	GLENN	5w
0318	NB0W	449	NE	SCOTT	2w
0322	N7MFB	559	WA	BILL	5w
0325	W9XU	449	WI	LON	5w
0327	WR40	449	AL	Jim	5w
0330	AD6JY	559	CA	DAN	5w
0331	WK6I	559	CA	JEFF	5w
0331	K50I	559	NM	TIM	5w
0337	KG6EFU	559	CA	DIMA	5w
0340	VE6EX	559	AB	DAN	5w
0341	N0RC	559	CO	ROD	5w
0344	N7CQR	449	OR	DAN	5w
0347	W4NJK	569	CA	CHARLIE	5w
0354	KJ0C	449	MO	JIM	5w
0358	N9AW	559	WI	JERRY	5w
0400	AL7FS	xxx	AK	FOX	5w

73, Jim

Jim Larsen, AL7FS, Anchorage, Alaska

(BP51cc) - 61.101 North, 149.824 West
mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

Date: Sat, 07 Jul 2001 17:47:26 -0700
From: ldmartin <ldmartin@pacifier.com>
To: qrp-1@lehigh.edu
Subject: [101937] For Sale -- Quality Qrp gear!!!
Message-ID: <3B47AD9D.1C5B4A4C@pacifier.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Okay Qrp Fans ...Check This Out!!!

\$80.00 Small Wonder Labs SW40+ 40 Meter Transceiver + SWL Enclosure + SWL RIT unit + SWL FreqMite Frequency Counter. All Accurately assembled and installed into the transceiver case. All My handiwork, tune-up and testing was checked out by a fellow ham formerly employed as a Kenwood Radio repairman on Quality Test gear. Excellent Condition AND NEVER USED. I'm including all 4 manuals complete and a generic power cord. Original price for all \$132.00 How about a small lightweight keyer to go with it?

\$45.00 AEA CK-2 Contest Keyer : uses virtually any style key on any transmitter. Powered off power supply, batteries, or cigarette lighter. Programmable 1-99 wpm And has 10 memory settings 500 characters total with included battery backup. Yep a Beacon Mode too for calling CQ while your monitoring and busy with something else. Weighs in at 1lb 12 oz for those backpack trips. Working AC-2 wall adapter included (you'll need to splice a plug on to fit into the unit though) and DC-1 The cigarette lighter cord in good condition. All in Good Condition. Complete good quality photocopy of the manual included. Wouldn't it be nice to have a key to go with this?

\$50.00 Bencher Classic Paddle Key. Square Heavy Black base. Silver Metal Hardware with Clear Triangle Paddles. Allen wrench for adjusting. Hooked up via shielded cable and large phono plug included. Excellent Condition. Want to operate this stuff a little better and build some of your own gear?

\$20.00 W1FB Qrp Notebook originally \$10.00
W1FB Design NoteBook originally \$10.00
W1FB Antenna NoteBook originally \$8.00

All Sales Final. All sold AS IS!! I'm moving to operating in

other modes and appreciate your hard earned funds helping me do this. I have been a Ham for 6+ years And I refuse to offer this Gear on Ebay. You will find no previous sales history good or bad on the net. I value my privacy, and my good name and would rather starve than pawn off shoddy stuff to my fellow hams. I've been fortunate to make a few wise purchases over these groups and have not been sorry ...I assure you you won't be either. All queries to this email address only and I'll pay the shipping. Payment MUST be postal money orders only. Sorry I lack the funds to cover your checks.

ATTENTION: IF YOU BUY ALL IT'S \$175.00 TOTAL FIRM
Lonn AC7EK Extra Class + V.E.

Date: Sat, 7 Jul 2001 21:10:53 -0400
From: "w8diz" <w8diz@fpqrp.com>
To: <sunbyrd@gte.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [101938] Re: Ten Meter QRP Ideas needed.
Message-ID: <008b01c1074a\$d5cb2840\$7ecd1b41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Mike et al...

If ya gots the gutts, try an ugly construction project;
Build the miniPIG-10. It's on my web page at
<http://home.cinci.rr.com/w8diz/w8diz.htm>
If interested, I may be able to help you with some parts,
such as matched xtals for the filter, etc...

You can view my logbook while using the miniPIG-10 at
<http://home.cinci.rr.com/w8diz/2000.htm>
and
<http://home.cinci.rr.com/w8diz/log9912.htm>

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

----- Original Message -----

From: "Michael B. Byrd" <sunbyrd@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, July 07, 2001 2:40 PM
Subject: Ten Meter QRP Ideas needed.

Good Day,

I have been reading the digest for several months and have enjoyed most of the comments. Some topics really do get out of hand, but that is true on any list.

Just this year I have become "reactivated" into ham radio and am currently building the Elecraft K1. I was working QRP with a Heathkit HW8 left over from 20 years ago on 40 meters and sometimes on 15 meters. I gave the HW8 to a young ham who really wanted one and bought the K1. I now have no working rig, bummer. I'm not too far from finishing the K1, I hope no later than August.

I have been interested in the posts on various bands of choice: such as QRP/CW on 2 meters and all the posts on 6 meter CW. I was working ten meters QRP/CW for quite a few years, but not recently. I no longer have a rig that has ten meter capability. I have been searching the QST archives and found several circuits in PDF format to download. I'm still waiting for a reprint article by W7Z0I for review. Too bad Elecraft doesn't offer a 10 meter band kit. I asked and was told it had never been tested and wasn't available.

At this point in time I am trying to put together something for ten meters. I know I could just buy a commercial rig, but I would rather buy a kit or just build from plans. The original reason for this post is to ask for help finding a kit or circuits for ten meter CW transmitters or transceivers. (Please, no tube articles, hi) Maybe someone has worked out the details for converting one of the TenTec kits to ten?

One of the factors that resparked my interest in ham radio was this list. Each day I would read the comments about someone just working some DX and others building rigs and sharing ideas. It was just like when I was a novice, I was part of a large group of just licensed hams. We called each other with what we thought was exciting news. Just working a JA or VK was big news. I have always kept my license renewed and updated, but had the idea that I would be active again when I

had the time or when things settled down. Now in my mid-50s, I don't want to wait for that unknown time or events that make life better. I was a novice at 13 and I didn't wait then.

My only drawback is my lease doesn't allow any outside antennas. I have been working on a ZL Special for 15 meters in the attic. I had room for a 3 element beam, but had too much trouble with all the wiring destroying the pattern. The ZL seems like a better choice with both elements driven. Less chance of decoupling. My orientation is north-south and that's a good pattern for my QTH in Tampa. I have also been trying to find ideas for antennas that can be put up and taken down in a few minutes and are small enough to fit into my utility room. I thought I could put up something for 30 or 40 meters at night and take it down again before the landlord sees it.

I know the best band for DX has always been 20 meters. I tried several times to work 20, but always someone would start calling CQ on top of me while calling CQ. This was always a "very" strong station and sending about 80wpm. I felt like I was standing in the middle of a freeway. I couldn't imagine trying QRP there.

I see by the post though that many of you work 20/QRP with success. I applaud your effort, it's something I have never been able to do. I have had years of fun on many other bands, but never went back to get run over. I spent 2 years in Ethiopia and used 20 almost every night, even RTTY. It's a different band in that part of the world.

Well, I need to get back to the soldering. The K1 is moving along and a WM-2 wattmeter is almost finished. Now, you guys play nice and look out for me on the air, I have a lot to say.

Mike-WD4MFB/qrp
Tampa, Florida

Date: Sat, 7 Jul 2001 21:42:12 EDT
From: FrConrad@aol.com
To: qrp-l@lehigh.edu

Subject: [101939] R U Bogartin' The List
Message-ID: <95.cfe1076.28791474@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Beloved Fellow Low Power Communicators:

The recent departure of some members of the list, as well as the general inanity of many recent threads, has caused me to offer the following self-help test which you too can use to determine if you are part of the problem or part of the solution.

- 1) Have you responded to the same thread more than once in the last month?
- 2) Have you ever responded to a response to your own remark (which is the linguistic equivalent of upping your own bid on the item you listed on e-bay.)
- 3) Have you posted or responded to an off-topic subject in the last month?
(Note: The topic of this list is specifically QRP amateur radio design, construction and operations. Because my QRP radio sits on an antique oak desk made in Virginia does NOT mean that dendrochronology, acorns or the Civil War are "on-topic" subjects!)
- 4) In the last month, have you posted anything that did not contain a specific reference to QRP amateur radio design, operation or construction (see items 1 and 2 above).
- 5) In the last month, have you posted to the list something that turns your crank but might bore the crap out of the other 2,999 members of this list who take the list for information about QRP amateur radio design, construction and operation?

If you answered "yes" to one or more of these questions, you might want to repent and return to the true path, which, as we all know, is gray line.

Confessions will be heard at: <FrConrad@aol.com>

Go ahead, light my incense!

John+
WB6MFS

Date: Sat, 7 Jul 2001 21:56:42 EDT

From: K5BDZ@aol.com
To: qrp-l@lehigh.edu
Subject: [101940] Bitch Thread
Message-ID: <9d.17e31fef.287917da@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Y'know, it might not be a bad idea...

Anyone wanting to Bitch should write "Bitch" and then their subject in the Subject line of the e-mail. Then all of us who don't want to read negative, non tech submissions can delete them without reading them and ruining our day, AND those who thrive on such can rant and rave all they want under the Bitch thread.

Then no one can complain about the bitching threads because fore warned is fore armed, and all computers have delete buttons.

K5BDZ

Date: Sat, 7 Jul 2001 22:28:19 -0400
From: "George Osier" <gosier@twcnny.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [101941] DX-peditions and milliwatt operators....
Message-ID: <002f01c10755\$a70ac500\$05514342@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All !!!!

Its interesting to note that when milliwatting that most DX-peditions are VERY interested in making the contact a GOOD one !!! As a example I worked 9H30 this evening running 700 mw and it took about 7 or 8 times with me giving my call till he got the suffix right !! He could have said to heck with the QSO but he kept wanting to get the WHOLE call and this I find to be a sign of a first class op !!!

I understand that when I run under 1 watt that my signal sometimes cannot even be heard above the noise and that its rough sledding for the DX station to copy me at all but I've had many a successful QSO at these ridiculous power levels and I can only think that the operators have GREAT ears and that they are determined to give out a country , island or special event contact to all who call and for this I am VERY grateful !!!!

I tip my hat to the ops at 9H30 and the many others that have worked me with my tiny milliwatt signals!!!!

73/72s

George , N2JNZ / QRPp

Date: Sat, 7 Jul 2001 21:24:33 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [101942] Last Post
Message-ID: <014301c10755\$248e3a80\$0300a8c0@bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm outta here, folks. No gripe against anyone. Just too many times hitting the delete key - Taking too much of my too scarce time. I need more radio time.

73

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
Web site: <http://www.qsl.net/wb9tka>
SOC #198, FPQRP # -104
May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

Date: Sat, 07 Jul 2001 19:30:44 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: elecrafft@qth.net
Cc: qrp-l@Lehigh.EDU
Subject: [101943] A Who's Who on 40m...
Message-ID: <F1370VnkB4ltFlmm1Q000015134@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Here in the Northwest, mid-afternoon on 40cw can be pretty much a wasteland.

You might hear the buzz from the power pole down the street but not much more. But being an optimist, I threw out a CQ on 7040. Amazingly, I get a call from Wes W7Z0I; he says howdy but has to leave as Roy W7EL is knocking at his door. Next I hear Wayne N6KR! He drops a quick hello to Wes then tells me he's portable at a Rock Festival...and to please email Eric 'he's still alive'... ;)

...you just never know who's lurking around; what are the odds of qso'ing two great designers back to back...all on a dead band? Gotta be the mojo...

73 John K7FD and his trusty K2

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Sat, 07 Jul 2001 19:56:15 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [101944] Re: W6MMA's MP-1 Portable Antenna
Message-ID: <F133yh133tYwlib4g3S000013d3@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

> > Has any of you
> > used this antenna from a hotel room or at all

This year I have used both the MP-1 and PW-1 from at least four motels I can remember. Each operation yielded several log pages of contacts, receiving many reports in the 559 to 579 range. My formula is always the same and simple, 20m during the day, 40m in the evening.

Each room had a balcony...so it was easy to setup up my tripod, pop on the MP-1 and tilt it out at 45 degrees. Three 16 and half foot radials get draped anywhichway I can get them spreadout...one on the balcony, two back in the room. And you did ask for the top floor didn't you?

Remember, there's nothing magical about Vern's antenna. It's a short loaded whip. But it does radiate and it does work; in my experience, it works quite well. And the more experience you have, the better it will work for you.

My suggestion, if you want portable qso's & MP-1 success, is to swing the bat A LOT. Call CQ consistently around the qrp frequencies...there's always a willing and ready audience to share in your qrp adventure. A little promotion of your upcoming portable operation helps, too...spread the word

before you go!

With the MP-1, like qrp in general, you gotta believe. The more you believe, the more things will start happening and the more qso's you'll rack up. Remember the ol' bumper sticker, THINK SNOW? Well, THINK QRP!

Have fun! 73, John K7FD

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Sat, 07 Jul 2001 22:15:28 -0500
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [101945] Re: 9H30 ...700 mw ...GOT EM !!!!!
Message-ID: <007101c1075c\$3d9efda0\$88703ed8@pavilion>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Great job George! I worked them last night on 30m with 5 watts. I don't know much about their operation though. He came up on frequency while I was working KD6JUI/qrp so I worked him after we were finished. I copied his QTH as Gobo and I guess I can assume this is in Malta (9H-DXCC Country). My atlas is in a storage building at the moment.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://www.geocities.com/aa5tb>
aa5tb@arrl.net

Date: Sat, 07 Jul 2001 23:27:32 -0400
From: Pete Burbank <plburbank@kih.net>
To: FrConrad@aol.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [101946] Re: R U Bogartin' The List
Message-ID: <5.0.2.1.0.20010707232314.00a977f0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>answered "yes" to one or more of these questions, you might want to

>repent and return to the true path, which, as we all know, is gray line.
>
>Confessions will be heard at: <FrConrad@aol.com>
>
>Go ahead, light my incense!
>
>John+
>WB6MFS
>
>

Is there a 12 step recovery program? :-) ::-)
73 Pete NV4V Kentucky

Date: Sat, 7 Jul 2001 23:27:23 EDT
From: RangerSF5@aol.com
To: FrConrad@aol.com, qrp-1@lehigh.edu
Subject: [101947] Re: R U Bogartin' The List
Message-ID: <126.1174a74.28792d1b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 7/7/01 10:43:41 PM Atlantic Daylight Time,
FrConrad@aol.com writes:

<<
Beloved Fellow Low Power Communicators:

The recent departure of some members of the list, as well as the general inanity of many recent threads, has caused be to offer the following self-help test which you too can use to determine if you are part of the problem or part of the solution.

1) Have you responded to the same thread more than once in the last month?YUP

2) Have you ever responded to a response to your own remark (which is the linguistic equivalent of upping your own bid on the item you listed on e-bay.)NOPE

3) Have you posted or responded to an off-topic subject in the last month?
(Note: The topic of this list is specifically QRP amateur radio design, construction and operations. Because my QRP radio sits on an antique oak desk made in Virginia does NOT mean that dendrochronology, acorns or the

Civil War are "on-topic" subjects!) YUP

4) In the last month, have you posted anything that did not contain a specific reference to QRP amateur radio design, operation or construction (see items 1 and 2 above).YUP

5) In the last month, have you posted to the list something that turns your crank but might bore the crap out of the other 2,999 members of this list who take the list for information about QRP amateur radio design, construction and operation? NEVER WOULD I DO THAT!

Bob

WA2HOQrp <tm>

>>

Date: Sat, 7 Jul 2001 23:29:47 EDT
From: N0BN@aol.com
To: qrp-l@lehigh.edu
Subject: [101948] Re: Last Post
Message-ID: <10c.254a968.28792dab@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Dear Dan and Group,

I have seen several posts expressing some exasperation at various threads for being off topic, etc., and thought it worthwhile reminding ya'll of the delivery option I use: "POSTPONE" as in "I'm on vacation, hold my mail"! In this case, don't send any mail at all.

Send in the body of a message to listserv@Lehigh.EDU, the text SET QRP-L MAIL POSTPONE. I get no emails and have merely bookmarked the site. I get it when I want to get it and can still post. It may take 10-20 minutes or so for messages to appear but I don't mind the brief delay.

Just a thought.

Daniel n0bn

Date: Sat, 7 Jul 2001 23:37:27 -0400
From: G Brandon Hoyt <preacher102677@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [101949] Mini-Pig
Message-ID: <20010707.235330.-188959.2.preacher102677@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hello to all!

Is there currently anyone kitting this radio?
If not, why not? :-)
I might even be volunteering to help!
Anywho, just an idee.

LIC,
G. Brandon Hoyt --"Known far and Wide as the Great Pumpkin."
Photographer, Philosopher, Preacher, Pirate, Poet.
DE KG4GVL Clear.

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<http://dl.www.juno.com/get/tagj>.

Date: 7 Jul 2001 20:53:18 -0700
From: John DiLorenzo <jdilorenzo3301@altavista.com>
To: qrp-1@lehigh.edu
Subject: [101950] Redhot NC20 TX offset problem
Message-ID: <20010708035318.22790.cpmta@c012.sfo.cp.net>
Content-Type: text/plain
Content-Disposition: inline
Mime-Version: 1.0

I have a problem with my Redhot NC20 transmit offset. On my first 3 QSOs with the radio, I've had to set the RIT all the way down (just over 1 kHz) to hear an answer to my calling CQ. Either I have a problem, or everyone is running split on 14.062.

The radio does not normally let you hear the "real" side tone. Instead, a synthesized side tone is output from the TiCK keyer chip. In order to set the TX offset, three temporary mods have to be made. First, the audio derived AGC is disabled; second, a signal from the keyer that normally causes the AGC to go to full limit is disabled; and third, a resistor is added around a FET switch that

kills the received audio when transmitting. Making these changes, (I've done this three times), the transmit BFO is adjusted so that I hear a 600 Hz tone, very near the synthesized tone in fact. I then return the radio to normal by undoing all the mods, and find that I am transmitting 1 kHz below where I should be. I've checked the RIT circuitry and verified that the contribution from the RIT is disabled during transmit. How can this be if I hear the correct side tone with the temporary mods? I know I could fix this with a good frequency counter, but I just can't seem to find one in my junk box. Any suggestions?

Thanks in advance,
73, John DiLorenzo
KC8PXF

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<http://www.shopping.altavista.com>

Date: Sun, 08 Jul 2001 01:42:35 -0400
From: Hugo <hugo@optonline.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [101951] Is Embedded Research OK?
Message-ID: <005201c10770\$ca90bfa0\$0200a8c0@hugocatt>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Hi,

Does anyone know anything about Embedded Research's business status ?
I placed an order weeks ago with them and sent two e-mails about tech info and order status and still waiting for any sign of life.
Are they still in business ? Does anyone have a phone number ?
Any information will be greatly appreciated

72,
Hugo
AA1XV

Date: Sun, 8 Jul 2001 10:48:33 +0200
From: "JBLANCO" <ea7yk@aered.org>

To: <randy@randyrathbun.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [101952] RE: Chet Atkins was a HAM!!

Message-ID: <016301c1078a\$f7d69100\$81bc243e@moral>

MIME-Version: 1.0

Content-Type: text/plain;
charset="us-ascii"

Content-Transfer-Encoding: 8bit

Hi qrp'ers

Have looked at the http://www.nerc.com/~gjurrens/famous_hams.html
and missed some famous hams:

One was "Papa" Doc, former president of Haiti. I remember seen a pair of
pics on a U.R.E. (Union de Radioaficionados Espanoles) magazine with his
shack plenty of Collins equipment. I don't know his c/s.

Other, maybe, is Desmond Tutu (archi)bishop in South Africa. I have no
more info.

Another 'famous' was Anastasio Somoza, former president of Nicaragua.
Will send a mail to N2GJ for corrections/additions at the url above.

73

Jose Maria, EA7YK

----- Original Message -----

From: <randy@randyrathbun.org>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Thursday, July 05, 2001 10:16 PM

Subject: RE: Chet Atkins was a HAM!!

> One of the band members of 38 Special - Larry Junstrom KN4UB, and Tony
> Bongiovi KX2C who owns The Power Station and produced or engineered quite
> a few albums (including my favorite: Ramones 'Leave Home'
> <http://allmusic.com/cg/amg.dll?p=amg&sql=A23820rnac489>). Then there is Tex
> Beneke, Burl Ives, Stu Cook of CCR, and Cliff Richard.

>

> On Thu, 5 Jul 2001, Roger A. McCarty wrote:

>

> > and Joe Walsh.

> >

> > Any others?

> >

> > KD6CC

> >

> > >-----Original Message-----

> > >From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf
Of

> > >Robert P. Okas

> > >Sent: Thursday, July 05, 2001 10:50 AM

> > >To: Low Power Amateur Radio Discussion
> > >Subject: Re: Chet Atkins was a HAM!!
> > >
> > >
> > >Hi Gang,
> > >
> > > Did you know that Ronnie Milsap and Patty Loveless are too?
> > >
> > >73,
> > >Bob - W3CD
> > >
> > >
> > >
> > >
> > >
> >
>
> --
>
> Randy Rathbun, NV0U randy@randyrathbun.org
> nv0u@arrl.net Elecraft K2 #1981 ARS #895 QRP-ARCI #10776
> KCQRP #1 NORCAL NJQRP
> <http://randyrathbun.org> <http://quitequitefantastic.org>
> <http://astrodot.org>
>
> If Bill Gates had a nickle for every time Windows crashed....
> Oh, wait, he does!
> - posting on slashdot.org
>
>

Date: Sun, 8 Jul 2001 05:12:05 -0400
From: "Pastor-KC1DI" <elbc@pivot.net>
To: <aa5tb@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [101953] Re: 9H30 ...700 mw ...GOT EM !!!!!
Message-ID: <004001c1078e\$10e247e0\$d873ccd8@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Steve and George,
9H30 Qsl Manager is as follows:
Callsign:
9H30 MALTA Name: OLAF TAESCH, DJ7TO Addr1: QSL VIA DL7VR0.

Good Goiong

73 & 72 , Dave Kc1di Qrp CW

----- Original Message -----

From: "Steve Yates - AA5TB" <aa5tb@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Saturday, July 07, 2001 11:15 PM

Subject: Re: 9H30 ...700 mw ...GOT EM !!!!!

> Great job George! I worked them last night on 30m with 5 watts. I
> don't know much about their operation though. He came up on frequency
> while I was working KD6JUI/qrp so I worked him after we were finished.
> I copied his QTH as Gobo and I guess I can assume this is in Malta
> (9H-DXCC Country). My atlas is in a storage building at the moment.

>

> 73,

> Steve Yates - AA5TB

> Fort Worth, TX - EM12gs

> <http://www.geocities.com/aa5tb>

> aa5tb@arrl.net

>

>

Date: Sun, 8 Jul 2001 06:16:47 -0400

From: Bill Lazure <n2tpa@juno.com>

To: w2bvh@home.com

Cc: qrp-l@lehigh.edu

Subject: [101954] Re: Yet another famous Ham

Message-ID: <20010708.062705.-219731.4.n2tpa@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Lenny,

I tink I may have made a minor error. Uncle George Pataki WAS a ham, but has let his license lapse. He is still a member of the ARRL, and has expressed a desire to get another ticket, but currently does not hold a valid license.

My Bad.

Bill

W2EB

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 8 Jul 2001 06:36:41 -0500
From: "Randall Jouett" <rules@bellsouth.net>
To: <crrandal@seidata.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [101955] Re: Chet Atkins was a HAM!!
Message-ID: <02a401c107a2\$434b76c0\$50084ed8@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Randy & Cara Randall <crrandal@seidata.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Thursday, July 05, 2001 2:31 PM
Subject: Re: Chet Atkins was a HAM!!

Hey Randy,

> I don't know about others but I would like to hear what stories
> Bob Heil could tell about some rock stars in private!

He has some great stories! :^).

For instance, Bob used to own a small music store in St. Louis called "The Little Ole Music Shop." In the sixties, The Greatful Dead was going to play in St. Louis. Unfortunately, one of their 18-wheelers that held all of their amplification equipment broke down, so they had to make due and find something to use in St. Louis. They were directed to Bob's shop, and he installed some of his amps at the concert hall and tuned the room for them. They never heard music that sweet sounding before, so they hired Bob as an acoustical engineer and amp guru. This is how he got started in the business.

He eventually went on to build amps and engineer audio for many of the great bands and players world wide. Eventually, he started up a sideline biz that taught audio engineers how to do their thing.

Another story Bob told me was about Peter Frampton. His wife called Bob and said that she needed something special for his birthday. Bob had been playing around with a piece of electronics for a music application and gave it to her to give to Peter "to play around with." The thing that she gave him was called "The Talk Box," which Peter eventually used to record "Do You Feel Like We Do." BTW, Bob is a great organist and absolutely HATES rock music :^).

> I heard him on 3.875 last night talking just a little about
> the old days.

NAK! Tell Bob that we are thinking about going back to 7.240 and cranking the WINO group back up for a reunion, and tell him to get his butt off of that lid frequency and that he's still too young to operate on 75 :^).

Randy

--

HAMateur Radio: AB5NI

Date: Sun, 8 Jul 2001 05:47:15 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Hugo <hugo@optonline.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [101956] Re: Is Embedded Research OK?
Message-ID: <Pine.LNX.4.33.0107080545450.1096-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Being summer I would guess people are taking a vacation. When they run out of bacon you should get a flurry of action.

On Sun, 8 Jul 2001, Hugo wrote:

>
>
> Hi,
>
> Does anyone knows anything about Embedded Research's business status ?
> I placed an order weeks ago with them and sent two e-mails about tech info
> and order status and still waiting for any sign of life.
> Are they still in business ? Does anyone have a phone number ?
> Any information will be greatly appreciated
>
> 72,
> Hugo
> AA1XV
>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 8 Jul 2001 07:31:22 -0500
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [101957] Re: Last Post
Message-ID: <20010708.073124.-219435.0.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I agree with Daniel's suggestion - I found the best way to handle the non-qrp or disturbing thread 4 or 5 years ago, was to "POSTPONE" and then to go to the <http://www.Lehigh.EDU/lists/Archives/qrp-l/> thread list 2 or three times a day (particularly if one is not wanting to miss any FS item) or once a day or every couple of days. Sure saves wear and tear on the finger, and the amount of filters is considerably reduced. And YOU have the option of what you wish to read, not just what comes across.

73

Ray

"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay to John Foster 1850
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78

MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso,(FAR WEST) TEXAS

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 08 Jul 2001 09:50:56 -0400

From: "Michael C. Boatright" <ko4wx@mindspring.com>

To: "Trevor Jacobs" <fxtech@earthlink.net>, qrp-1@Lehigh.EDU

Subject: [101958] Re: ??:Backpacker QRP Antenna at HRO

Message-ID: <5.0.2.1.2.20010708094946.00acbec0@pop.mindspring.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

> Date: Fri, 6 Jul 2001 19:31:33 -0700

> From: "Trevor Jacobs" <fxtech@earthlink.net>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Subject: [101849] ??:Backpacker QRP Antenna at HRO

> Hi All,

> I was in HRO in Burbank today to see what the latest stuff looked like and
> to catch up with a couple of friends. Rick showed me this kind of neat
> looking telescopic whip antenna for portable QRP use with a huge loading
> coil. The thing cost like \$140.00. I was wondering if anyone has used
one of

> these or has a web address for the company. I'd like to read a bit more

> about them. The whip was pretty long, and it covered down to 40 and also 80

> with an extra loading coil. I'm going to be heading to Middleton, WI for 2

> weeks and it'd be fun to try something like this in the hotel room. I think

> it was called the QRP Backpacker antenna??? Tnx es gud QRP!!!

> 73

> Trev

> KG6CYN

Trev,

I think you're referring to the MP1 antenna by W6MMA. I bought one at FDI and LOVE IT! It's got no where near the performance of my 80M loop in the backyard, but I can't put my 80M loop in my suitcase.

On a trip to San Francisco about 3 weeks ago, I worked ZL1ABB on 20M at about 9:30 pm PDT on 3 Watts. Had just gotten back to my hotel from dinner with the boss. Fortunately, I was on the ground floor of a Marriott Courtyard (although the antenna comes with a bracket you can mount on a balcony rail, too). Set the antenna just outside the sliding glass door (on

west side of hotel) as far as the 20' of RG174 I had would reach. Set it to approximately where resonance is for 20M (note: very touch tuning). Hooked up the K1 and touched up the antenna with the built-in tuner.

Was on the air in less than 5 minutes. Tuned down to 14.060 and ZL1ABB was calling CQ. Dropped my call and got AGN? back. Called him back and we chatted for about 20M. Got 339 if I remember right, but I'll take that on 3 Watts into an antenna only 5 feet tall!

Having Way Too Much Fun with QRP!

72 de Mike, K04WX

Date: Sun, 08 Jul 2001 09:58:40 -0400 (EDT)
From: qrpdx@earthlink.net
To: qrp-l@lehigh.edu
Subject: [101959] HELP ...FT-817 Connectors
Message-ID: <200107081358.JAA25350@www1.onedayfree.com>

Need help...on a Palm at the RS store and forgot the 817 instruction book. What size DC and headfone connectors does the 817 take...

Alan, N3BJ

Date: Sun, 8 Jul 2001 10:23:55 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>, ". NJ QRP-L" <njqrp@njqrp.org>, ". Eastern PA QRP Club" <epaqrp-l@Lehigh.EDU>
Subject: [101960] TAC Logs Due
Message-ID: <033801c107b9\$9fc33840\$ce125cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

This is the last reminder to send in your TAC 2001 logs.

Deadline is today via e-mail. I will be making the announcement of the winners next week.

Thanks for participating.

72 & 73
Good DXing

Ron Polityka
n3epa@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>

Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

Date: Sun, 8 Jul 2001 09:25:30 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'jdilorenzo3301@altavista.com'" <jdilorenzo3301@altavista.com>, Low Power
Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [101961] RE: Redhot NC20 TX offset problem
Message-ID: <01C1078F.EEFC1460.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hmmm ... I wonder if you've got your offset set in the wrong direction.
Sounds like you've got your RIT set at about 1200 Hz, which being twice
the 600 Hz offset is probably what you'd have to do to recover from that
condition.

Can't set myself up as the expert though--I still need to do a little
better alignment on MY RH-20. The received note peaks too low (lower than
600) and I guess as a result, the opposite 'sideband' isn't down far
enough.

72/GL--Nick, WA5BDU

-----Original Message-----

From: John DiLorenzo [SMTP:jdilorenzo3301@altavista.com]

I have a problem with my Redhot NC20 transmit offset. On my first 3 QSOs
with the radio, I've had to set the RIT all the way down (just over 1 kHz)
to hear an answer to my calling CQ. Either I have a problem, or everyone
is running split on 14.062.

Date: Sun, 08 Jul 2001 10:31:03 -0400 (EDT)
From: qrpdx@earthlink.net
To: qrp-l@lehigh.edu
Subject: [101962] Fw: HELP ...FT-817 Connectors
Message-ID: <200107081431.KAA16199@www2.onedayfree.com>

Also, paddle connector size

----- Original Message -----

From: qrpdx@earthlink.net
Date: Sun 7/8/01 13:58
To: Low Power Amateur Radio Discussion
Subject: HELP ...FT-817 Connectors

Need help...on a Palm at the RS store and forgot the 817 instruction book. What size DC and headfone connectors does the 817 take,...

Alan, N3BJ

Date: Sun, 08 Jul 2001 08:45:46 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-l@lehigh.edu>, <dtayloe@home.com>
Subject: [101963] Re: [101863] Solar Panel and NiMh Battery question
Message-ID: <B76DCE3A.B11C%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

I had just started to search the achives for Dan's posting on charging NiMh batteries when his post showed up!!

The current source that Glen designed is very good, particularly if you want low power dissipation in the regulator. If you are not concerned about power dissipation you can make an even simpler constant current source from a 5 V regulator, a resistor, and a 1 uF bypass cap. The resistor should be equal to $5V/I$ where I is the charge current.

to Solar Cell in]-----] out
+ ----- ---/\\/\\/\\/\\-----to Bat +


```

      ]      ] 7805 ]  R = 5V/charging current
1uF--- ]      ]
      --- ] com  ]
      ]      ---]---
      ]-----]

```

- ----- to Bat -

Excuse the ASCII art.

Both the regulator and resistor will dissipate a lot of heat, so use a heat sink on the regulator, and size the resistor appropriately. The capacitor is there to prevent oscillations in the regulator.

I am intereted in hearing from anyone who has long term experience in using NiMh batteries and charging them with a C/20 current source. NiMh batteries are supposed to be difficult to charge properly and don't take to overcharging as well as NiCds do. Any information would be appreciated.

Despite its title, "The Secret of NiMh" doesn't contain any information on charging. - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sun, 8 Jul 2001 08:06:12 -0700
From: "DTX" <dtx@wood.tzo.com>
To: <qrp-l@lehigh.edu>
Cc: <qrpdx@earthlink.net>
Subject: [101964] Re: HELP ...FT-817 Connectors
Message-ID: <00f501c107bf\$86f47440\$0c00a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I found nothing on the web except links to that glorious page extolling the virtues of the unit ;-) I guess we'll have to wait for another owner that can look in his manual to show up. Sorry.

Gary
----- Original Message -----

From: <qrpdx@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, July 08, 2001 7:31 AM
Subject: Fw: HELP ...FT-817 Connectors

> Also, paddle connector size

>

>

> ----- Original Message -----

> From: qrpdx@earthlink.net

> Date: Sun 7/8/01 13:58

> To: Low Power Amateur Radio Discussion

> Subject: HELP ...FT-817 Connectors

>

> Need help...on a Palm at the RS store and forgot the 817 instruction
book. What size DC and headfone connectors does the 817 take,...

>

> Alan, N3BJ

>

Date: Sun, 8 Jul 2001 11:15:08 -0400 (EDT)
From: Frank Brickle <brickle@pobox.com>
To: qrpdx@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [101965] Re: HELP ...FT-817 Connectors
Message-ID: <Pine.BSI.4.05L.10107081112590.22429-1000000@pluto.njcc.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

DC connectors are 4.0x1.7mm, RS part 274-1532

No numbers on keyer or cans but they're the same size

> Need help...on a Palm at the RS store and forgot the 817 instruction book. What
size DC and headfone connectors does the 817 take,...

>

> Alan, N3BJ

>

>

>

>

Date: Sun, 8 Jul 2001 11:18:56 -0400 (EDT)
From: Frank Brickle <brickle@pobox.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [101966] Re: HELP ...FT-817 Connectors
Message-ID: <Pine.BSI.4.05L.10107081117550.22429-100000@pluto.njcc.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Keyer is 3.5mm phone plug, mono or stereo.

On Sun, 8 Jul 2001, Frank Brickle wrote:

> DC connectors are 4.0x1.7mm, RS part 274-1532
>
> No numbers on keyer or cans but they're the same size
>
> > Need help...on a Palm at the RS store and forgot the 817 instruction book.
What size DC and headfone connectors does the 817 take,...
> >
> > Alan, N3BJ
> >
> >
> >
> >
>
>
>

Date: Sun, 8 Jul 2001 11:35:08 -0400
From: "Richard Clemens" <clemens@wvwc.edu>
To: <brickle@pobox.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [101967] Re: HELP ...FT-817 Connectors
Message-ID: <002601c107c3\$95248420\$0301000a@mshome.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wrong, mono is straight key, stereo is keyer.

--

Rich Clemens
clemens@wvwc.edu

> Keyer is 3.5mm phone plug, mono or stereo.

Date: Sun, 8 Jul 2001 12:01:26 -0400 (EDT)
From: Frank Brickle <brickle@pobox.com>
To: Richard Clemens <clemens@wwwc.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [101968] Re: HELP ...FT-817 Connectors
Message-ID: <Pine.BSI.4.05L.10107081200211.25486-100000@pluto.njcc.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 8 Jul 2001, Richard Clemens wrote:

> Wrong, mono is straight key, stereo is keyer.

Like, it could be otherwise? As the little pic in the manual shows, stereo for paddles, mono for straight key.

Yeesh.

Date: Sun, 8 Jul 2001 09:13:02 -0700 (PDT)
From: Wayne McFee <nb6m@yahoo.com>
To: markb@abq.com
Cc: qrp-l@Lehigh.EDU
Subject: [101969] Filtering for 5WattMod and Miniboosts Amp
Message-ID: <20010708161302.18534.qmail@web14906.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Mark,

You are right in saying that the 5 Watt Mod for the SMK-1 did use the existing section of output filter in the SMK-1, in addition to the second section added in the Mod.

However, for using the amp as an outboard PA, or included in the circuit of any rig, it would be very simple to add the "missing" section. Simply use the output filter as shown in the Miniboosts Amp article, and if you want a 5 Watt output, use the values shown in the 5 Watt output filter table shown in that same

article.

Good luck with your project.

Wayne NB6M

Do You Yahoo!?

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<http://personal.mail.yahoo.com/>

Date: Sun, 8 Jul 2001 10:15:38 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Dan Tayloe <dtayloe@home.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [101970] Re: [101863] Solar Panel and Battery question
Message-ID: <Pine.LNX.4.33.0107081007350.1601-1000000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dan, and the group, I can't figure out why a voltage standard and a series pass transistor would not be the best regulator you can use. In theory you charge with all the current the solar panel can develop until the voltage reaches a defined maximum. Then the charge is dropped to a trickle like say 60 ma.

I would have a pot to set the max voltage allowed at the output of the pass transistor, and another to set the trickle value. The voltage standard is an ic the number of which I forget now. Radio Shack still carries them....

On Sat, 7 Jul 2001, Dan Tayloe wrote:

>
> >Here's one for the group to help me figure out. I want to use a solar
> >panel (nominal 14 volts through the diode?) to maintain a charge on a
> >9.6V NiMH battery pack for use in the field with my K1. I don't know for
> >sure that I need a full boat charge controlled because I don't intend to
> >keep things hooked up all the time. Any suggestions on the best way to
> >drop the voltage would be appreciated.
>
>
> The simplest means of charging a NiMH battery is to trickle charge it
> with a current that is C/20 or less. That means if the batteries are

> rated 1200 mah, they can safely be trickle charged with 60 ma or less
> forever. Figure the pack voltage will rise to at least 10.5v during
> charging, $(14v-10.5v)/0.06a = 58$ ohms. Any resistor slightly larger
> than this will work fine.

>

> A thread went around about current limit circuits the last time
> we kicked this one around, and the next step up from a simple resistor
> required two transistors and two resistors. Glen sent me this circuit
> which does a much better job maintaining a constant current over a wide
> range of input voltages such as from a solar panel.

>

> Both transistors can be 2N4401, 2N2222, etc. The 7.5 ohm resistor sets
> the current, and can be increased to 10 ohm to hit closer to 60 ma.

>

> The format he gives is a spice model. Draw the schematic yourself by
> hooking all the 0s together, all the 1s together, all the 2s together,
> etc.

>

> - Dan, N7VE

>

> -----Original Message-----

> From: Glen Leinweber [mailto:leinwebe@mcmaster.ca]

> Sent: Thursday, May 10, 2001 10:16 AM

> To: Dan.Tayloe

> Subject: Re: NiMH batteries can be safely trickled charged!

>

>

> Dan,

> If you want a low-overhead current limiter, two transistors and
> two resistor oughta work too. Using germanium transistors would give
> even less overhead than a silicon transistor....

> Here's the SPICE-type node list of the circuit:

>

> Vsource 1 0 Solar Cell; + end to node 1, "-" end to node 0

> Q1 1 2 3 NPN transistor (collector, base, emitter)

> R1 3 4 7.5 ohm resistor

> Q2 2 3 4 NPN silicon transistor, low power (2N3904)

> R2 1 2 470 ohm resistor

>

> The battery to be charged goes between node 4 and 0.

> The 7.5 ohm resistor gives about 0.6 volts when 80 mA flows, which
> turns on Q2. When Q2 turns on, it clamps Q1's base, preventing more
> current from flowing. Voltage overhead required by this circuit is
> about 1.5 volts for silicon transistors. It can be re-designed for
> germanium for less overhead (but poorer temperature stability).

>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 8 Jul 2001 09:19:42 -0700 (PDT)
From: Gary Slagel <gdslagel@yahoo.com>
To: QRP L <qrp-l@Lehigh.EDU>
Cc: Keith Doughty <kdoughty@gwtc.net>
Subject: [101971] Results of operation from Harney Peak, SD
Message-ID: <20010708161942.54482.qmail@web11606.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi guys!!

Our operation (WUOH/N0SXX) from Harney Peak was a huge success! When I'm operating portable I always figure as soon as I make a QSO its a success.... we made 11 qsos from the highest peak in SD so gotta call it HUGE.

Was great fun working all the qrp l guys! I'm sure at least half of the qsos were guys from the list listening for us. Was also fun working K6III who I had worked about this time last year when I was on top of one of Colorado's 14ers, Mt Sherman.

We got on the air at about 1120 MST. Wx and condx on 20 meters looked great initially and I worked 4 or 5 right away. I paused and went to check on Keith. He had worked AZ on 30. When I got back to my rig, the clouds had set in (they move pretty fast up there)... I turned on the rig and all I had was static. I touched the rig and got shocked... listened around a little and got shocked 3 or 4 more times when I touched the rig. Kinda freaked me out! Decided I better quit and laid the vertical down and disconnected the K2. We hung around and after about 30 minutes the clouds had passed and we got back on the air. Put another 5 or 6 in the log before the clouds returned. The qrp l guys were really showing up by that time and I hated to leave but the static returned, I got shocked a few more times, started raining, and that was enuff!!! Ended up leaving the peak at about 1PM MST.

Had a GREAT time! My log is below(I forgot my clock so all times are approximate). I apologize but I don't have Keith/WU0H's 30 meter log. Unfortunately 30 meter condx turned out to be pretty bad and he was only able to log 1 qso. It was in AZ but I don't have the call sign.

I'll get the call and put his log and a bunch of pics out on my web site in the next few days. Will let the list know and send notes to all the individuals in the log. I'm just getting ready to head back to Colorado and the XYL is in the in-law's living room tapping her foot as I write this!!!

73, Gary

TIME	CALL	MYRST	HISrst	NAME	QTH
1120	VE3CI	559	589	JIM	THUNDER BAY,ON
1130	W0CH	579		DAVE	SENECA,MO
	VE3ELA	449	459	KEN	MIDLAND,ON
	K4MF	549	449	GARY	FL
	K5QLF	449	559	FRED	SAN ANTONIO,TX
	W5TB	559		DOC	DALLAS,TX
	K6III	599	579	JERRY	SAN JOSE,CA
	KK6MC	559	569	JIM	CEDAR CREST,NM
1255	AA5JJ	599	579	WAYNE	
	KG4FGC	449	559	KEN	WINSTON SALEM,NC

=====

Gary Slagel/N0SXX

Conifer, CO 80433

gdslagel@yahoo.com

Personal Website: <http://marina.fortunecity.com/sanpedro/351>

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Date: Sun, 8 Jul 2001 12:19:47 -0400

From: MARTIN J STRATTON <kc2cwn@juno.com>

To: nb6m@yahoo.com

Cc: qrp-1@Lehigh.EDU

Subject: [101972] HELP: I couldnt get list serv to suspend me

Message-ID: <20010708.121948.8838.10.kc2cwn@juno.com>

pse reply to sender only
73's de marty kc2cwn

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 8 Jul 2001 12:28:58 -0400
From: "N3BJ" <qrpdx@earthlink.net>
To: <BlackLabPupp@aol.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [101973] OMNI 6+ vs. K2
Message-ID: <002001c107cb\$18696380\$b2ce323f@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I wouldn't pay \$3000 for a rig that has birdies all over the place. I like TenTec, but there is no excuse for a radio in that price class to have so many spurious responses.

My K2 has 2 birdies that are on the band edge and noticeable only when there is no antenna connected. Better RX specs than an OMNI 6+, too.

Alan, N3BJ

----- Original Message -----

From: <BlackLabPupp@aol.com>
To: <elecraft@qth.net>
Sent: Sunday, July 08, 2001 12:18 AM
Subject: [Elecraft] Agree N9AVG

> You have a good point Jeff 'N9AVG'
> Dealing with Elecraft is not their best suit.
> In fact it is one of the reasons I have decided not to purchase another one.
> I don't know what the future holds for kit makers, and I don't think they do
> either.
> The Elecraft is a great little rig, but it does not compare to my Omni 6

Plus

> and I will go on to say the quietest rig I owned until the Omni 6 was the
> Omni 5. TenTec has made some great gear, I wouldn't even compare a new
rice
> box with any of the TenTec gear I have owned. Have you tried CW on a Mark
V.
> For the life of me I cannot understand purchasing one for CW work.
> I personally don't understand where all the talk is coming from about
getting
> rid of their TenTec Omni 6 Plus. If you want to sell yours go ahead, I
might
> be in the market for another one, but not another Elecraft.
> I will keep the Elecraft and my Omni, Lets see what the future holds.
TenTec
> is proven and has been through some rough waters. And their service is
maybe
> the best in the industry. Kenwood, Yaesu, Icom, and Elecraft could take a
few
> lessons form TenTec.
>
> Gene
>
> ---
> Submissions: elecraft@qth.net (You must be subscribed to post)
> Postings must be sent from the exact same addr. as subcribed.
> Please note: The list server automatically rejects HTML encoded emails.
> List Archive page: <http://www.qth.net/archive/elecraft/elecraft.html>
> Elecraft Web Page: <http://www.elecraft.com>
>

Date: Sun, 8 Jul 2001 12:58:26 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <qrpdx@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [101974] RE: OMNI 6+ vs. K2
Message-ID: <CKEGICNFDIMCEKEDCEHFIEJPHLAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Having owned both, I consider the OMNI VI superior-at least in operation-to
my K2-especially the receiver and the break-in. That said, my OMNI VI is
sold, whereas I still have my K2. Why? Consider the difference in the
investment. Any differences I mentioned in operation/etc. are so small, that
price is the only truly significant difference.

As for OMNI VI birdies... get serious. I don't know who originated that comment, but their OMNI VI needs alignment. I never noticed ONE-note the operative word: "noticed". Perhaps they were there, but they never caught my attention-and birdies/etc.in plenty of other rigs/rcvrs have (although not my K2 either.)

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Sun, 8 Jul 2001 13:11:56 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <qrpdx@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [101975] RE: OMNI 6+ vs. K2
Message-ID: <CKEGICNFDIMCEKEDCEHFIEKAHLAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

P.S. Four other points: 1) Ten Tec and Elecraft have SUPERB customer service. Rarities these days, as you well know. and, 2) I (honestly) would not trade a LOADED OMNI VI + ** EVEN ** for a new FT1000-D/whatever letters-assuming I couldn't turn around and sell it for profit/etc. 3) And the ONLY reason I sold that OMNI VI I had was economic-with 2 sons (still) in college... well, you get the picture. 4) One of the things I liked a LOT about the OMNI VI was (besides the receiver, that is) the operating ergonomics. I was fortunate enough recently to pick up a very nice Paragon quite reasonably. Being GC, NOT the same receiver at all (!!!) but the same basic controls layout-especially that nice set of band select buttons (which recalls the freq and mode as well).

To this day I regret selling that OMNI VI.

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Sun, 8 Jul 2001 10:50:02 -0700 (PDT)
From: N1EU <n1eu@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [101976] RE: OMNI 6+ vs. K2
Message-ID: <20010708175002.87308.qmail@web14604.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

(Apologies in advance for something that probably
doesn't belong on the QRP reflector, but . . .)

N4XY stated:

"As for OMNI VI birdies... get serious. I don't know
who originated that comment, but their OMNI VI needs
alignment. I never noticed ONE-note the operative
word: "noticed".

Sorry Ed - you can't dismiss this so off-handedly.
Once again, IMHO folks should leave a little more room
for the experience of others - it is possible that
your experience was the exception and not the rule.
Many (most?) Omni VI's exhibited serious birdy
problems, particularly on ten meters. With no
solution from the factory, some good tech folks on the
Ten-Tec reflector investigated and pointed the finger
at design flaws of the digital logic board of the Omni
VI in terms of power distribution and decoupling. Read
a synopsis of what was found & suggested solutions at:

<http://www.albany.net/~bg/Mods/birdiesmod.htm>

Whether Ten-Tec has resolved these faults in current
Omni VI+ production units is unknown. I still haven't
personally heard of any factory response to the birdy

issue.

73,
Barry N1EU

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail
<http://personal.mail.yahoo.com/>

Date: Sun, 08 Jul 2001 10:59:27 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-1@Lehigh.EDU
Cc: elecrafft@qth.net
Subject: [101977] Off to the local park...
Message-ID: <F99GC19FopYC98Bi89Q00004341@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

The bands sound so so, but the weather's so nice...I'm throwing the K2 and MP-1 in the car and heading out. Keep your ears open for K7FD/P sometime in the next hour or so...I'll shoot for 14.061+- around 1800 - 1900Z...

72, John K7FD

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Sun, 8 Jul 2001 13:05:01 -0500
From: "Preston" <pd buck@earthlink.net>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [101978] Welding rebar (was Buzzbox Voltage)
Message-ID: <001f01c107d9\$5a2bc480\$cc36aec7@net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Steve,

You might want to think twice about welding rebar for tower bases. For my tower, I was planning on welding the rebar cage together instead of wiring it together. A friend of mine that works for a concrete company said it wasn't a good idea when I mentioned it. He said that the heat from the arc

welder will crystalize the rebar and make brittle. Thus the rebar won't be as flexible and will have lower tensile strength. He builds bridges, stadiums and airports so I took him at his word and will be wiring my rebar together.

You are right though about welding being gratifying. It is really cool to fuse two pieces of steel together.

73

Preston, n0g1m

Date: Sat, 7 Jul 2001 09:01:18 -0600
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [101896] [OT] Buzzbox Voltage?
Message-ID: <000301c106f5\$adb59fc0\$b0561d82@sg2939h>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

Recently took the plunge into welding. Bought an ol' LE 225 AC amp arc-welder ("Buzzbox"). Talk about QRO, anything that can throw an arc that lights up the whole neighborhood while turning 1/2" reebar to a molden-puddle of metal is some serious current. My question: what voltage do most arc-welders run at their output? Why don't they electrocute you? (It must be very low voltage my guess?)

I imagine this is some transmitter in SOME part of the spectrum? Anyone had a QSO using a arc-welder? Might be a little hard on the key. ;-)

So far my welds look like explosions of sparks and blobs of metal. But I think my reebar tower-base cage will support a Hummer! If I could just learn NOT to pick up the freshly welded pieces with my bare hands!!
(yeeeoOouchH!)

Steve/n0tu

Date: Sun, 8 Jul 2001 12:32:52 -0600

From: "T.W." <wb5qyt@abq.com>
To: <qrp-1@lehigh.edu>
Subject: [101979] k7fd...worked him
Message-ID: <MABBIKAEJNPM0AJMBKJJAEPKCAAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gang,

John is on 14.061 with a good sig into NM! He is operating next to a beach
and the temp is 65 degs....K2 and MP-1! Some guys have all the luck!

72, Tom WB5QYT..."Have spud will travel!".....do sea gulls like spuds??

Date: Sun, 8 Jul 2001 15:13:26 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <n1eu@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [101980] RE: OMNI 6+ vs. K2
Message-ID: <CKEGICNFDIMCEKEDCEHFAEKHHLAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Maybe virtually never operating 10M is a big part of it-but I absolutely
stick by what I said: never noticed even one. Mine was an OMNI VI, not a '+
by the way. I appreciate the reference to the various cures-if I ever DO get
another, they sound like the application of good design practices that TT
shouldn't have scrimped on.

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Sun, 8 Jul 2001 14:11:37 -0500
From: "Marty Purselley" <ranchonodinero@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [101981] Re: k7fd...worked him
Message-ID: <002201c107e1\$d0e09620\$46bafea9@mlp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

John sounds good. Worked him with 5 watts with the hexbeam. Gotta find out the details on his antenna as he was/is 579 here into Aledo, Texas at 1912 utc (he's at 14.061.3).

Marty AA5UN

----- Original Message -----

From: T.W. <wb5qyt@abq.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Sunday, July 08, 2001 13:32 PM
Subject: k7fd...worked him

> Gang,
>
> John is on 14.061 with a good sig into NM! He is operating next to a beach
> and the temp is 65 degs....K2 and MP-1! Some guys have all the luck!
>
> 72, Tom WB5QYT..."Have spud will travel!".....do sea gulls like spuds??
>

Date: Sun, 08 Jul 2001 13:20:14 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-1@lehigh.edu>, <dtayloe@home.com>
Subject: [101982] Correction!!!!!! Solar Panel and NiMh Battery question
Message-ID: <B76E0E8D.B26C%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

I posted the schematic for the constant current charger and left for breakfast. Halfway down the canyon I went "Doh!!! I bet I forget the

connection from the end of the resistor to the comm of the regulator". I am back from breakfast and sure enough it was missing. Here is the correct schematic:

```

to Solar Cell   in  ]-----] out R = 5V/charging current
+ -----+-----+-----+-----+-----+-----+-----+-----+-----+
                        ] 7805 ]
1uF--- ] 1uF ]
--- ] com ]
] ---] ---]
]-----]-----]
- ----- to Bat -

```

This constant current source works due to the regulator keeping a constant 5 V across the resistor.

Sorry for the confusion. The Doctor is not perfect. Did I mention that all the parts can be found at your local Radio Shack :^) ??- Dr. Megacycle
KK6MC/5

```

-----
Date: Sun, 08 Jul 2001 15:24:38 -0400
From: "William K. Harding" <k4ahk@ix.netcom.com>
To: "qrp-l mail" <qrp-l@lehigh.edu>
Subject: [101983] K1 case
Message-ID: <200107081923.PAA12470@johnson.mail.mindspring.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

```

In a recent posting of hamfest photos, there was a close-up of a K1 in a Tamrac camera case. I looked at the Tamrac web site but wasn't sure which case this was. Can anyone tell me the model number and price of the case?

Bill - K4AHK

```

-----
Date: Sun, 8 Jul 2001 12:32:02 -0700
From: "Glenn Maclean" <wa7spy@home.com>
To: <ranchonodinero@earthlink.net>

```

Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [101984] Re: k7fd...worked him
Message-ID: <001601c107e4\$aa256580\$11710c41@scrmnt1.ca.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Marty,
I worked John also here in Sacramento, CA. Sounds like he is having fun at the beach today. He was 559 here. The antenna he is using is Vern Wrights portable vertical called the MP-1 All of the parts fit inside the coil/housing assembly. The antenna when broken down is less than 12" long. Details of this antenna can be found at:

<http://www.superantennas.com>

Glenn WA7SPY

Date: Sun, 8 Jul 2001 12:36:56 -0700
From: "Glenn Maclean" <wa7spy@home.com>
To: <k4ahk@ix.netcom.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [101985] Re: K1 case
Message-ID: <001e01c107e5\$593a9040\$11710c41@scrmnt1.ca.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bill,
I purchased one of the Tamrac cases for my K1. The K1 fits perfectly into the case. My case also has a small pocket on the outside. I can fit earbuds and my G4ZPY mini paddle in the pocket. The model of the case I purchased is the 5400. It was around \$24.00. I am not sure exactly on the price but no more than \$30.00 out the door including tax.

Glenn WA7SPY
Sacramento, CA

Date: Sun, 8 Jul 2001 15:48:33 -0400
From: "Paul Christensen" <paulc@mediaone.net>

To: <qrpdx@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [101986] Re: OMNI 6+ vs. K2
Message-ID: <01c801c107e6\$fed48e60\$7a01a8c0@se.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I wouldn't pay \$3000 for a rig that has birdies all over the place.

I wouldn't either. I purchased an Omni Six in 1993 and since then, it has had zero birdie problems.

> My K2 has 2 birdies that are on the band edge and noticeable only when there
> is no antenna connected.

True of any synthesized radio.

-Paul, W9AC

Date: Sun, 8 Jul 2001 14:24:19 -0600
From: "Jerry McCollom" <w0mc@club-pre.org>
To: <coham@qth.net>, <elecrafft@qth.net>, <qrp-l@lehigh.edu>
Subject: [101987] SuperFest 2001 -- Meet the Speaker Dinner, Friday, July 13th, 7:30pm
Message-ID: <001701c107eb\$f8765c60\$baac11d8@dsl.frii.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Folks,

We're less than a week away from the NCARC SuperFest 2001 next Saturday -- I hope many of you plan on dropping in for the fun, fellowship, food, and festivities. I'm really looking forward to our visit this year from Paul Harden NA5N. If you haven't checked out the details of SuperFest 2001, be sure to visit the web page at <http://www.qsl.net/n0rc/hamfest> to see what's in store!

Also, you're invited to come join us as we welcome and get to know Paul at an informal dinner gathering Friday night at the Golden Corral in Fort

Collins (on Harmony Road, between Lemay and College). They'll have room for about 25 of us on the East side of the restaurant. We'll enjoy our two of our favorite hobbies together -- eating and ham radio! We'll have some time after eating (say around 8:15 or so) to invite Paul to talk about his background, his job, electronics -- maybe even a word or two on QRP? :-)

This is a buy-your-own meal and we'll be asked to include a 15% gratuity, but I know it will be a gathering well worth the cover charge!

In summary:

What: Eat Food and Meet and Welcome Paul Harden, NA5N
Where: Golden Corral, 901 East Harmony Rd., Fort Collins, CO
When: Friday, July 13th, 7:30pm to whenever we feel like leaving!

I hope you can make it to both the dinner and SuperFest 2001 on Saturday!

73,

Jerry, W0MC
NCARC Hamfest Chairman
w0mc@arrl.net

Date: Sun, 8 Jul 2001 16:28:02 -0400
From: "Paul Christensen" <paulc@mediaone.net>
To: <n1eu@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [101988] Re: OMNI 6+ vs. K2
Message-ID: <024b01c107ec\$7f8ce160\$7a01a8c0@se.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Sorry Ed - you can't dismiss this so off-handedly.
> Once again, IMHO folks should leave a little more room
> for the experience of others

OK, let's leave a bit of room for my experience. I own a ca. 1993 Omni Six, upgraded to a "Plus" by the factory several years ago. I operate on all bands, 160-10 Meters. I can honestly say I have never, in eight years of putting a lot of serious hours on this radio, experienced or detected a birdie condition of any kind.

To put this birdie thing into perspective, I decided to test just how bad this condition is on my receiver. I just finished sweeping two bands, 40M and 10M. I disconnected the antenna and began sweeping the entire range of the receiver. I had 2 weak birdies on 10-meters that disappeared when the antenna was connected and one relatively strong birdie at 6,998.00 kHz on 40-meters, but it also disappears with the antenna connected.

Some units may be affected more than others and I suspect that inter-compartment cable routing can explain some of this. I would look for other cabling alternatives than the author's "sticking a ferrite clamp on anything that resembles a wire" shot-gun approach."

-Paul, W9AC

Date: Sun, 8 Jul 2001 16:02:40 -0500 (CDT)
From: Joe Reed <joe@n9jr.dyndns.org>
To: N3BJ <qrpdx@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [101989] Re: OMNI 6+ vs. K2
Message-ID: <Pine.LNX.4.21.0107081559440.23683-100000@n9jr.dyndns.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I love my K2 as well, but I still wouldn't dis a Omni6+. Too fine a radio for that, and the K2 only passes it in some categories that are used to compare radios - not all. The K2 is a great radio. But if any Omni6+ owners want to trade even up, well I'm all ears.

Joe N9JR

On Sun, 8 Jul 2001, N3BJ wrote:

> I wouldn't pay \$3000 for a rig that has birdies all over the place. I like
> TenTec, but there is no excuse for a radio in that price class to have so
> many spurious responses.
>
> My K2 has 2 birdies that are on the band edge and noticeable only when there
> is no antenna connected. Better RX specs than an OMNI 6+, too.
>
> Alan, N3BJ
>

> ----- Original Message -----
> From: <BlackLabPupp@aol.com>
> To: <elecraft@qth.net>
> Sent: Sunday, July 08, 2001 12:18 AM
> Subject: [Elecraft] Agree N9AVG
>
>
> > You have a good point Jeff 'N9AVG'
> > Dealing with Elecraft is not their best suit.
> > In fact it is one of the reasons I have decided not to purchase another
> one.
> > I don't know what the future holds for kit makers, and I don't think they
> do
> > either.
> > The Elecraft is a great little rig, but it does not compare to my Omni 6
> Plus
> > and I will go on to say the quietest rig I owned until the Omni 6 was the
> > Omni 5. TenTec has made some great gear, I wouldn't even compare a new
> rice
> > box with any of the TenTec gear I have owned. Have you tried CW on a Mark
> V.
> > For the life of me I cannot understand purchasing one for CW work.
> > I personally don't understand where all the talk is coming from about
> getting
> > rid of their TenTec Omni 6 Plus. If you want to sell yours go ahead, I
> might
> > be in the market for another one, but not another Elecraft.
> > I will keep the Elecraft and my Omni, Lets see what the future holds.
> TenTec
> > is proven and has been through some rough waters. And their service is
> maybe
> > the best in the industry. Kenwood, Yaesu, Icom, and Elecraft could take a
> few
> > lessons form TenTec.
> >
> > Gene
> >
> > ---
> > Submissions: elecraft@qth.net (You must be subscribed to post)
> > Postings must be sent from the exact same addr. as subcribed.
> > Please note: The list server automatically rejects HTML encoded emails.
> > List Archive page: <http://www.qth.net/archive/elecraft/elecraft.html>
> > Elecraft Web Page: <http://www.elecraft.com>
> >
>

Date: Sun, 8 Jul 2001 16:02:47 -0500
From: "Jay Bromley" <w5jay@alltel.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [101990] Re: OMNI 6+ vs. K2
Message-ID: <005701c107f1\$58a97d60\$6518150a@alltel.net>

The birdies on the Omni VI plus vary from rig to rig. N6CHA lives up the street and has had two of the VI pluses and one plain Jane Omni VI. The first plus had some loud birdies on ten meters and the second plus I just had the chance to use with headphones, the birdies are barely detectable. You have to be looking for them now.

When he gripe to Ten-Tec on the first VI plus they said to send it back and they would move some wires, tighten up the screws, etc, and let their birdie expert go over it. I couldn't believe the TT representative said this!! The same year I was at Dayton and asked if I could give a listen to the one of the Omni VI pluses they had on the floor with my headphones. I couldn't hear ANY birdies with the volume turned all the way up. My friend Bill sent the first plus back and told them to just to keep it, while they were fixing it! :-(

He regrets getting rid of the plain Omni 6 too, but is very happy with the new plus one he bought a couple of weeks ago.

Specs are one thing, both rigs are very good. Knowing how to use all of the controls-- attenuator, PBT, notch, etc, and having used both rigs I would pick the Ten-Tec in strong multiple signals. But then I would have my Omni loaded up with enough filters to buy a K2 or 2, :-)

There was a great article in QST a few months back on getting the most performance out of you rig by teaching the reader the theory behind all the controls and using them for maximum advantage. It is amazing the number of amateurs who have never use any of the interference fighters on there rigs, just the on/off button, hihi.

I love both rigs, but bigger is better for me :-)

Talking about rigs is a lot better than RS, grin!!
73 de w5jay..

Date: Sun, 8 Jul 2001 15:15:53 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>

To: qrp-1@lehigh.edu
Subject: [101991] FOX: Hunt 3 Log, N2WW
Message-ID: <3B487929.4029.1C56A7@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Larry's having trouble posting again, so here's his log.

Hi everybody.

Thanks for contacts in very extreme condition. I have lightings and thunderstorm, QRN was 599+20db at 0200 and 579 at the end of FOX HUNT. 73,
de Larry N2WW / UA6HZ.

FOX HUNT LOG

Call - N2WW
Name - Larry Agabekov
Exchange - 559 CO LARRY 5W
Rig - FT 1000D @ 5w
Ant - Force12 - C4 at 60'

0205	K5EOA	559	LA	WAYNE	5W
0206	N1FN	559	CO	ET	5W
0207	N1EU	599	NY	BARRY	5W
0208	N9AW	559	WI	JERRY	5W
0209	KD7CTF	559	OR	LEE	5W
0209	NK9G	559	WI	RICH	5W
0210	WB8ICN	559	MI	MIKE	5W
0211	K4MF	559	FL	GARRY	5W
0212	W5USJ	559	TX	CHUCK	5W
0214	N5YFC	559	LA	WAYNE	5W
0214	N5AO	599	PA	CHARLES	5W
0216	AJ9U	559	WI	BOB	5W
0217	W6ABC	599	CA	JACK	5W
0218	K9IUA	559	ND	KEVIN	5W
0218	K4GT	559	GA	JIM	5W
0219	K1VP	559	NH	ED	5W
0219	N4ROA	599	VA	DAN	5W
0220	K3NG	559	PA	ANTHONY	5W
0221	WB6IYS	559	CA	BILL	5W
0222	N6EZ	559	CA	DAVE	5W
0223	K5LN	559	TX	BILL	5W
0224	K5YU	559	TX	HARVEY	5W
0224	N4VD	559	TN	COREY	5W
0226	AA4LR	599	GA	BILL	5W
0228	W0DC	550	MN	JOHN	5W

0229	K4FB	579	FL	PAUL	5W
0230	N6WG	559	CA	BOB	5W
0230	NQ7X	559	AZ	FLOYD	5W
0231	W5YR	559	TX	GEORGE	5W
0231	K5DI	559	NM	KARL	5W
0232	VE6JAZ	559	AB	ROB	5W
0233	W5TA	559	TX	DICK	5W
0234	W3ERU	559	MD	PHIL	5W
0235	VA6RF	559	AB	EARL	5W
0235	AK7Y	559	AZ	GREG	5W
0236	K7FD	599	OR	JOHN	5W
0236	W5TB	559	TX	DOC	5W
0236	N0IT	599	MO	DAVE	5W
0237	N1TP	579	FL	TOM	5W
0238	VE5RC	559	SK	BRUCE	5W
0239	WA9TZE	559	WI	JIM	5W
0239	KA1DDB	559	MI	MIKE	5W
0240	N5TW	559	TX	TOM	5W
0241	KB7WW	559	OR	ART	5W
0241	KQ7M	559	CO	BILL	5W
0242	K5DW	559	TX	DON	5W
0242	AA7XA	559	OR	FRANK	5W
0243	K9YT	599	WI	SANFORD	5W
0244	WX0V	599	MN	SCOTT	5W
0245	N0UR	579	MN	JIM	5W
0246	K5JHP	559	TX	BILL	5W
0246	AA50	559	LA	VERN	5W
0247	AA7EQ	559	AZ	BOB	5W
0247	KB1ENS	599	VT	JOHN	5W
0248	N4DL	559	FL	GARRY	5W
0249	KB8UMD	559	MI	JOHN	4W
0250	NW7DX	559	WA	BEN	5W
0251	NK6A	559	CA	DON	5W
0251	W2VWI	569	NY	GEORGE	5W
0252	WV9N	559	OH	RANDY	5W
0253	K0MP	559	CO	BILL	5W
0253	NF0R	599	MO	DAVE	5W
0254	W0NF	559	CO	PAM	5W
0254	K8CV	559	ML	WALT	5W
0255	K0AB	559	CO	BILL	5W
0255	KQ5U	559	TX	TERRY	5W
0256	KK5LD	559	TX	DAN	5W
0256	K4BYF	559	FL	JACK	5W
0258	NV4V	559	KY	PETE	5W
0257	KB9YIG	559	IN	TONY	5W
0258	KE6RS	559	CA	RON	5W
0259	AF4LQ	559	KY	MIKE	5W
0259	WE9K	599	WI	GLENN	5W

0300	KT3A	579	PA	CAM	5W		
0300	KV4EE	559	SC	CRAIG	5W		
0301	K5AAR	559	OK	DON	5W		
0301	KB80MG	579	OH	BARRY	5W		
0303	AD6JV	559	CA	BILL	5W		
0304	W9HL	559	IL	RANDY	5W		
0305	WA7SPY	559	CA	GLENN	5W		
0308	W9UQB/7	559	AZ	DICK	5W		
0309	KC1FB	559	CT	JIM	5W		
0310	N6XG	579	CA	WALT	200MILIWATT		
0311	K4TJD	559	GA	TOM	5W		
0312	NX8C	559	MI	NEIL	5W		
0313	N04D	559	SC	KEN	5W		
0315	NM5M	559	TX	ERIC	5W		
0318	W8RU	599	MI	RON	5W		
0319	WB8RCR	539	MI	JOHN	3W		
0320	N7CQR	559	OR	DAN	5W		
0321	W9XU	559	WI	LON	5W		
0322	AC5JH	559	OK	TOM	5W		
0324	WB7AEI	579	WA	PHIL	2W		
0325	N7XY	559	WA	BOB	5W		
0326	VE6EX	559	AB	DAN	5W		
0326	WK6I	599	CA	JEFF	5W		
0327	KM5VY	559	NM	TOM	5W		
0327	N5IB	559	LA	JIM	5W		
0328	K0FRP	599	CO	AL	5W		
0329	W4NJK	559	CA	CHARLES	5W		
0329	KI0II	559	CO	RON	5W		
0330	K0EVZ	559	ND	DOC	5W		
0331	KJ0C	559	MO	JIM	5W		
0332	WR50	559	TX	DAVE	5W		
0333	AD4J	559	GA	JIM	5W		
0335	K5OI	559	NM	TIM	5W		
0336	K6ZM	559	CA	STAN	5W		
0337	AC5SH	579	LA	TIM	5W	QTH - BATON ROUGE, LA	
0343	F6GKL	559	FRANCE	RAY	5W	QTH - RIVESATLES, K-2 +	
2EL YAGI 0345	N0RC	559	CO	ROD	5W	0347 W0CH	
	559 CO DAVE	5W	0347	N0RF		559 ND JOE	5W
0349	AG0T	339	ND	TODD	5W	0350 WB8WTU	559
OH DENNIS	5W	0352	AD6JY		559 CA DAN	5W	0353 N5DF
	559 AL JOHN	5W	0354	KG6ELY		559 CA RON	
	5W	0356	AB0CD	559 CO DICK	5W	0357	N6BN
	559 CA PHIL	5W	0358	N2WW			

.....

73, de Larry N2WW

Date: Sun, 08 Jul 2001 14:31:54 -0700
From: Dan Tayloe <dtayloe@home.com>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [101992] Re: [101863] Solar Panel and Battery question
Message-ID: <3B48D14A.1DAC9F19@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am not a chemist, but from the reading on the web sites on the care and treatment of the different battery chemistries, they all need to be treated differently.

The "gel cell" and the lead acid battery like to be float charged using a constant voltage source. I was recently reading that float charging is recommended in "non cyclic" applications where the battery is not discharged more than once every two months (!). A different charging mechanism is required for fast charging.

Many of the newer batteries such as Li-ion are difficult to fast charge. >From my readings on charger ICs for Li-ion, they are fast charged in high current pulses, not with a steady DC current. See section 4.3.3.2 A constant current source ****cannot**** be used to charge a Li-ion battery.

See <http://www.national.com/ds/LM/LM3647.pdf> for the description of a chip that will charge Nicad, NiMH, and Li-ion batteries. In this description are the charging voltage characteristics of the three different battery types.

>From what I can read between the line, these newer battery types are difficult to fast charge because it can be difficult to tell when they are done charging. It is not good to continue pumping high current into them after they are finished charging!

The National part shows how to configure a common LM317 as a current source. See section 4.4.2. You need only U3, R4 and R37 to feed the battery. The diode and other stuff is not needed. R4 sets the current. $I \text{ (amps)} = 1.25\text{v}/R4$, so as shown, the charging current is 250 ma, $R4 = 22 \text{ ohms}$ produces 60 ma.

Using a LM317 is one less part than using Glens two transistor, two resistor circuit, however, the LM317 will need at least 4.5v of excess supply voltage to get the current mode trick to work well (3v drop from input to output plus a 1.25v regulated output).

A LM7805 5v regulator would work also, but requires 8v of excess supply voltage (3v drop from input to output, plus a regulated 5v), which is a lot to give up.

I was glad to see that trickle charging up to a rate of C/20 was acceptable for NiMH batteries. My homebrew portable 40m rig draws about 11 ma at 12v on receive, so with a charging limit of C/20 (60 ma for an inexpensive 1200 mah AA NiMH battery pack), that leaves 60 ma to charge the batteries when I am not using the rig, or 49 ma to charge the batteries when receiving to take some of the sting out of transmitting. A small battery pack can easily be used to last an entire (daylight!) contest under these conditions.

- Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions

"Karl F. Larsen" wrote:

>

> Dan, and the group, I can't figure out why a voltage standard and
> a series pass transistor would not be the best regulator you can use. In
> theory you charge with all the current the solar panel can develop until
> the voltage reaches a defined maximum. Then the charge is dropped to a
> trickle like say 60 ma.

>

> I would have a pot to set the max voltage allowed at the output of
> the pass transistor, and another to set the trickle value. The voltage
> standard is an ic the number of which I forget now. Radio Shack still
> carries them....

>

Date: Sun, 08 Jul 2001 14:32:07 -0700
From: ldmartin <ldmartin@pacifier.com>
To: qrp-l@lehigh.edu
Subject: [101993] Quality Qrp Gear Need a ZM-2?
Message-ID: <3B48D157.6D25D9AC@pacifier.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Okay Qrp Fans ...Update!!!

SALE PENDING Small Wonder Labs SW40+ 40 Meter Transceiver
SALE PENDING AEA CK-2 Contest Keyer
SALE PENDING Bencher Classic Paddle Key

SALE PENDING W1FB Qrp Books

New Addition:

Be able to use practically any type of antenna with this ATU:

\$45.00 Emtech ZM-2 Z Match Antenna Tuner assembled and tested Excellent condition

tunes 3.5 - 11mhz and 12-30 mhz 15 watts max. Sharp built in Visual SWR meter

tunes coax fed or Balanced Line antennas. Clearly Labeled. I'm also including a GAP

Antenna Radial Set (weather proof 25 ft wires) with this. Nice ground for that

Vertical Or End Fed. Manual/Operating Guide included

All Sales Final. All sold AS IS!! I'm moving to operating in other modes and appreciate your hard earned funds helping me do this. I have been a Ham for 6+ years And I refuse to offer this Gear on Ebay. You will find no previous sales history good or bad on the net. I value my privacy, and my good name and would rather starve than pawn off shoddy stuff to my fellow hams. I'm have been fortunate to make a few wise purchases over these groups and have not been sorry ...I assure you you won't be either. All queries to this email address only and I'll pay the shipping. Payment MUST be postal money orders only. Sorry I lack the funds to cover your checks.

Lonnn AC7EK Extra Class + V.E.

Date: Sun, 8 Jul 2001 18:07:11 EDT
From: PDouglas12@aol.com
To: qrp-l@lehigh.edu
Subject: [101994] Looking for 30M PSK 31 QSO
Message-ID: <4d.dfa4d79.287a338f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,

Anybody set up to do 30M PSK 31? I'm looking for a checkout contact for a new rig here. Around 10140 or so. Time now is about 2206 UTC.

Preston WJ2V

Date: Sun, 08 Jul 2001 17:20:40 -0500
From: Wayne Williams <aa5jj@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [101995] Re: Looking for 30M PSK 31 QSO
Message-ID: <3B48DCB8.6079612C@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

I am calling you on 10.140

AA5JJ Wayne

PDouglas12@aol.com wrote:

>
> Hi Gang,
>
> Anybody set up to do 30M PSK 31? I'm looking for a checkout contact for a
> new rig here. Around 10140 or so. Time now is about 2206 UTC.
>
> Preston WJ2V

Date: Sun, 8 Jul 2001 18:22:14 -0400 (EDT)
From: Stephan Greene <sgreene@patriot.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: NoVAQRP List <NoVaQRP@topica.com>
Subject: [101996] Op Report (Long): Mountain Lake VA Activation
Message-ID: <Pine.LNX.4.10.10107081752400.16452-1000000@tzion.greene.lan>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 3 Jul 2001, Stephan Greene wrote:

> I'm bringing my 40/20M K1 and a fan dipole (wish I had time to build a SLV
> or other quick-setup antenna!) with me to Mountain Lake, VA for a few

Boy - do I ever WISH I'd brought an easier antenna to erect. I'm now
collecting empirical data to develop an equation describing the degree of
"entanglement" encountered between unpacking a nicely spooled antenna and
having it in the air, ready to go. Something like:

$E = Kp(n^2)$ where:

E = Entanglement Factor

n = number of "lines" emanating from the antenna feedpoint

end-supported dipole: 3

center-supported dipole: 4

center-supported 2 band "fan" dipole: 6

(I haven't decided if the feedline and hoist line count as separate lines or not, for now they are counted as they certainly each entangled in their own way!)

p = number of "end" or "hoist" points requiring tossing a line into trees, or placing a stake into difficult terrain (rocks, bramble bushes,...)

K = proportionality constant to be determined empirically. For example, seine cord works as well snaring trees and brush as it allegedly does catching fish, so it gets a higher " K " value than 1/8" poly cord.

So my operation gets a:

$E = K \cdot 4 \cdot (6^2) = 136 \cdot K$ (see why " K " is going to be important?)

But I digress...

> days. I'm hoping to get a few hours of operating when we're not fishing
> for lake trout,

They weren't biting - 2 keepers (OK, one was almost 2 pounds!) and a bass we let go over 3 days. At least everyone else was getting skunked as well. My 8-year old daughter got one of the trout and the bass, an unattended pole (wife was ashore catching extra "Z's") got snagged the big one. My son was hoping to catch a few fish (Fishing Merit Badge and big brother's honor at stake) but got plenty of practice baiting, casting, and waiting, instead. I had one that popped the hook just before we got it to the net. And caught the anchor line twice and half fell-in the lake once. And we were rained on one day (which is why I bring ponchos). Oh well.

> hiking, or forgetting about things like cell phones and email!

Hiking was fun, they've added more trail markings and an outdoor pool with hot tub, and cell phones and omnisky email still don't work up there and hopefully NEVER will. Does anyone realize just how much email qrp-l generates in 5 days? (plus there was that RS thread).

> Operating hours will be very irregular

They were. I actually got about 2-2 1/2 hours total on Friday of which

maybe an hour or so was actually on the air after deducting walking to/from the site and having "fun" with the antennas!

> it's not like I'm filming Dirty Dancing or anything [1]) and from the
> nearby top of Bald Knob (4261' MSL) and maybe Wind Rock on the Appalachian

Never made it further than about .25 miles from the hotel - the "Salt Lick" trail runs up to a rise overlooking the hotel. Close, nice trees, no people problems. Need to reduce the weight of the travel set, too. Like ditch the 5AH gell cell for a AA pack, and something lighter than 50' of RG8X for feedline! Also found out Bald KNob is the 3rd highest peak in the state.

> Location: Mountain Lake, Virginia
> 37.355 N 80.538 W
> Grid EM97
> Giles County, VA

> Modes: ratty & slow CW.

Was it EVER! Don't try adjusting a bencher paddle (which I am still learning how to use properly) while in mid-QSO.

Two stations worked, both on 40M:

KB8FE was tuning a new windom antenna in his yard, I called him after he finished a test transmission. Nice QSO. Thanks for hanging in there, Keith!

W4PU, also QRP, but the 2element beam makes for a few more dB of EIRP. Had to cut it short as it was time to pack up and get back for dinner.

You'll both get a nice color QSL card once I get the pictures digitized and into the right computer.

I *THOUGHT* I also worked K4AHK's first QSO on his new K1 (congrats on the rig), turned out a WB3 called him, too.

Photos and comments will be up in a day or so at <http://www.00ff00e.com> (don't bother looking before Monday).

Steve
KA1LM

Stephan A. Greene sgreene@patriot.net
HAM: KA1LM@amsat.org QRP-L #232 Grid FM18hx 38 59'83.33"N 77 23'6.15"W

Date: Mon, 09 Jul 2001 06:23:21 +0800
From: "Mark Gustoff" <wo7t@juno.com>
To: qrp-l@Lehigh.edu
Subject: [101997] ZM-2 Tuner Help
Message-ID: <20010708222321.1853.qmail@juno.com>
Content-Type: text/plain; charset="iso-8859-1"
Content-Disposition: inline
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

Fellow QRPer's

Here I sit on remote vacation with all necessary gear for a little hamming.
However, I left at home the brief instructions on hooking antenna to ZM-2 tuner.

I have 25' vertical random wire, I want to hook to
it. Can remember what manual said to do with connections to tuner. Short the
screwdown terms (Gnd vs. Link) etc. etc.

Please respond if you have the instructions and can type back the instructions on
antenna hookup.

72,
Mark
--

Date: Sun, 8 Jul 2001 16:27:34 +0000
From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [101998] Printshop musings & stereo FM thingies
Message-ID: <20010708.171658.-408589.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Gang,

A couple months ago I bought one of those little circuit board kits from Roger what makes a QRP stereo FM transmitter so I could listen to my Coltrane & banda collection while out in the printery. Man, are those things -- the FM transmitter thingies -- hard to get set up right. Without a deviation meter (hard to imagine that someone as deviant as I am not having one, ain't it?) & appropriate other stuff, it's pretty much hit & miss.

But today I was out in the printery making some new business cards & some "eyeball" cards & I think I finally got it right. Grupo Exterminador sounds pretty good out there. "Toma! Toma!"

While I was settin' up the FM thingie, I also decided to put QSL info on the back of the eyeball cards. I could use 'em for real QRP QSLs. They ain't that big but they get the message across. Also while I was settin' up the FM thingie, I remembered how many years ago, when I was a small crystal set builder, one of the local radio stations did a stereo broadcast every Sunday evening. Right channel was at 1290 kHz AM; left channel was on 99.1 MHz (or something like that). They transmitted a test tone (like the old Ampex two-track test tapes) on each channel so people could set their levels at home right.

One of the neighbors had what was probably the first "High-Fidelity" set-ups in town. When he wasn't playing around with the AM/FM stereo thingie, he'd belt down a six-pack & put bag-pipe music on. REAL LOUD.

Well, it was real loud back then, see. Nowadays most neighbors' kids who have cars have audio systems in their cars that would make that old tube-and-wire set up the neighbor had sound like a cheap dictaphone. For power levels, at least.

So coming up the steps to bore you all with this tale, I was reminded of a long-distant Q I had with Arnie Coro once. He could barely hear me (for reasons I am too ashamed to admit in public) but we "had a Q." Now this is connected to the little eyeball QSLs 'cause I think I still owe him a card for the Q. I wonder what the gumshoes at Langley would think of that? An envelope with a business card size message in it. Heck, I wonder what Langley himself would think of it, conspiracy theories, X-files & all.

Did you notice that Arnie's got a column in the most recent CQ magazine? Arnie's discussion of HT antennas made me think of a couple things, not the least of which is making do with the worst-case-scenario. My recent experience blowing up radios & trying to get into mountain-top repeaters

kinda holds here. But then there's an advert I saw on TV last night before South Park. Somebody's come up with a little metalized glue-backed thingie that goes in the battery hole of your cell phone & supposedly extends your range. "Better than a window antenna!" or some such hype.

I figure I'll just put some of this metal repair/duct tape on the cell phone & see what happens.

And maybe some aluminum in my underwear too . . . but that's a different story.

Wonder when I'll get my '2020 back.

73

Nils

. . . have you ever noticed that gold ink always comes out of the can lookin' a little like jaundiced cat vomit?

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

W8IJN -- <http://www.geocities.com/nilsbull/w8ijn>

"In MY day we FIGHT to have earphones! Every DAY was STRUGGLE!"

-- Comrade Nikolai Sergeievich McTovarishov, 19

Oct 1917

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 8 Jul 2001 17:25:46 -0500 (CDT)

From: ac5ez@webtv.net (Larry)

To: qrp-1@lehigh.edu

Subject: [101999] FS Paddles

Message-ID: <2039-3B48DDEA-493@storefull-113.iap.bryant.webtv.net>

Content-Disposition: Inline

Content-Type: Text/Plain; Charset=US-ASCII

Content-Transfer-Encoding: 7Bit

MIME-Version: 1.0 (WebTV)

Two items for sale

(1) Brass Racer

Its in perty good shape. Someone enlarged the hole thru which the cable runs. Other than that its ok and works fine. It has a pig tail

cable attached.

\$45.00

(2) Bencher and Mfj Pacesetter model 422-422x combo. Its in good shape. A 9v battery is installed and it comes with the manual and extra bushings. This keyer has the curtis 8044ic. Its been used but works fine . The sidetone is raspy so the variable pot could stand cleaning. Hook it up to your rig and its ready to go.

\$65.00

I will pay shipping in usa.

Reason for sale: Just bought some bencher paddles for my internal keyer.

K1zw

Larry

Qcwa

Date: Sun, 08 Jul 2001 15:54:09 -0700

From: "N7SG K7FD" <k7fd@hotmail.com>

To: qrp-1@Lehigh.EDU

Cc: elecraft@qth.net

Subject: [102000] K7FD/P - Park Portable Photos

Message-ID: <F210nHAaaz7EjQxzmWe00000869@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Wow! That was fun! But was over way too quick...next time a little more planning and a longer stay; thanks to all who gave me a call!

Pictures are worth a thousand words, sooooo:

<http://www.teleport.com/~cqdx/ona.htm>

The K2 and MP-1 were surprisingly good! Are the bands bouncing back to life? I really didn't expect this much action...in such a short time span! Ona Beach State Park is beautiful but not noted for 'maximum RF output', so I jumped back and blinked twice when I heard 3 guy's calling at once!!

73, John K7FD, Annette N7SG

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Sun, 8 Jul 2001 18:56:42 -0400

From: "Kevin F. Glynn" <kfglynn@mindspring.com>
To: <qrp-l@Lehigh.EDU>
Subject: [102001] Re: Where to buy wire for dipoles
Message-ID: <002001c10801\$4218de00\$0b31f7a5@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Wayne,

I use #14 ga. insulated single conductor stranded wire from Home Depot. It's about \$16-18 per 500' spool. Cheap, and it rolls up very easily. I found it rolls up a lot easier then smaller wire they sell. I use masking tape to keep it tidy after rolling. Leaves no goop on the wire.

As noted The Wireman sells Flexi wire that's excellent, but a lot more money. THEY have some excellent stuff for sale, as well as DavisRF. BTW DavisRF will give a 7% discount if you're a member of a club.

GL

72 Kevin N2TO
Brooklyn, NYC
kfglynn@mindspring.com

End of QRP-L Digest 2244

